PATENT COOPERATION TREATY

PCT

TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference JJP04-0025				FOR FURTHER A	CTION	See Form PCT/IPEA/416		
International application No.				International filing da	te (day/month/year)	Priority date (day/month/year)		
PCT/JP2004/019328				24.12.200	4	25.12.2003		
Internati	onal Pat	ent Classi	fication (IPC) or nati	onal classification and	IPC			
H01	M2/0	2, н	01M4/02, H	H01M4/58, H	101M10/40			
Applicar		LECT	RIC CO., 1	LTD.				
1.				ninary examination rep e applicant according to		International Preliminary Examining Authority		
2.	This R	EPORT c	onsists of a total of _	4	sheets, including	ng this cover sheet.		
3.	This re	port is als	o accompanied by Al	NNEXES, comprising:				
	a	(sent	to the applicant and	to the International Bu	reau) a total of	sheets, as follows:		
	sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).							
	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.							
	ь] (sent	to the International I	Bureau only) a total of	(indicate type and numb	er of electronic carrier(s))		
						, containing a sequence listing and/or tables		
			thereto, in computer 802 of the Administ	•	s indicated in the Suppl	emental Box Relating to Sequence Listing (see		
4.	This re	port conta	nins indications relati	ng to the following iten	ns:			
	\boxtimes	Box No.	I Basis of the	report				
		Box No.	II Priority					
		Box No.	III Non-establi	shment of opinion with	regard to novelty, inven	itive step and industrial applicability		
	Ш	Box No.	IV Lack of unit	y of invention				
	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applications and explanations supporting such statement							
		Box No.	VI Certain doc	uments cited				
		Box No.	VII Certain defe	ects in the international	application			
	Box No. VIII Certain observations on the international application							
Date of submission of the demand				Date of completion of the	his report			
Name and mailing address of the IPEA/JP					Authorized officer			
Essaintila No.					Talanhana Na			

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/019328

Box	No. I	I Basis of the report	
1.		th regard to the language, this report is based on the internation icated under this item.	al application in the language in which it was filed, unless otherwise
		This report is based on translations from the original language which is the language of a translation furnished for the purposition international search (Rule 12.3 and 23.1(b)) publication of the international application (Rule 12.4) international preliminary examination (Rule 55.2 and/o	sses of:
2.	rece		eport is based on (replacement sheets which have been furnished to the referred to in this report as "originally filed" and are not annexed to
			as originally filed/furnished received by this Authority on
			received by this Authority on
	П	the claims:	· · · · · · · · · · · · · · · · · · ·
		nos.	as originally filed/furnished
		nos.*	as amended (together with any statement) under Article 19
		nos.*	received by this Authority on
		nos.*	received by this Authority on
		the drawings: sheets	as originally filed/furnished
		sheets*	received by this Authority on
		sheets*	received by this Authority on
	\sqcup	a sequence listing and/or any related table(s) – see Suppleme	ntal Box Relating to Sequence Listing.
3.	Ш	The amendments have resulted in the cancellation of:	
		the description, pages	
		the claims, nos.	
		the drawings, sheets/figs	
		the sequence listing (specify):	
		any table(s) related to sequence listing (specify):	
4.			nents annexed to this report and listed below had not been made, since
		the description, pages	
		the claims, nos.	
		the drawings, sheets/figs	
		the sequence listing (specify):	
		any table(s) related to sequence listing (specify):	
*	If ite	em 4 applies, some or all of those sheets may be marked "supe	rseded."

International application No.				
PCT/JP2004/019328				

Box	x No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	
1.	Statement	
	Novelty (N) Claims 1-7	YES
	Claims	
	Inventive step (IS) Claims 1-7	YES
	Claims	
	Industrial applicability (IA) Claims 1-7	YES
	Claims	
2.	Citations and explanations (Rule 70.7)	
	Document 1: JP 2002-124297 A (Ube Industries, Ltd.), 26	
	April 2002	
	Document 2: JP 2002-343426 A (Mitsui Chemicals, Inc.), 29	
	January 2002	
	Document 3: JP 2001-43899 A (Toshiba Corporation), 16	
	February 2001	
	Document 4: JP 8-50923 A (Sumitomo Chemical Co., Ltd.),	
	20 February 1996	
	Document 5: JP 2003-282140 A (Osaka Gas Co., Ltd.), 3	
	October 2003	
	Document 6: JP 11-283668 A (Sanyo Electric Co., Ltd.), 15	
	October 1999	
	The invention set forth in claims 1 to 7 is novel	
	and involves an inventive step.	
	In the nonaqueous electrolyte secondary battery set	
	forth in claims 1 to 7, the feature wherein "the	
	nonaqueous electrolyte contains vinylene carbonate and	
	di(2-propynyl)oxalate, and the quantity of the	
	aforementioned vinylene carbonate added falls within the	
	range of 0.1wt% to 3wt% in relation to the weight of the	
	aforementioned nonaqueous electrolyte, and the quantity	
	of the aforementioned di(2-propynyl)oxalate added falls	

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2004/019328

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	
within the range of 0.1wt% to 2wt% in relation to the	
weight of the aforementioned nonaqueous electrolyte", is	
not disclosed in documents 1 to 6 cited in the	
international search report, and would not be obvious to	
a person skilled in the art.	
	ļ